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1634

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/680,310

DATE: 04/11/2002  
TIME: 13:20:50

Input Set : A:\seq-1st.txt  
Output Set: N:\CRF3\04112002\I680310.raw

ENTERED

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4 <110> APPLICANT: Elischweski, Frank
6     Kalinowski, Jorn
8     Puhler, Alfred
10    Dusch, Nicole
12    Dohmen, Jurgen
14    Farwick, Mike
16    Thierbach, Georg
19 <120> TITLE OF INVENTION: Process for the Preparation of Panthothenic
20    Acid by Amplification of Nucleotide Sequences which
21    Code for Ketopantoate Reductase
24 <130> FILE REFERENCE: 21123/268418
26 <140> CURRENT APPLICATION NUMBER: 09/680,310
28 <141> CURRENT FILING DATE: 2000-10-06
30 <160> NUMBER OF SEQ ID NOS: 18
32 <170> SOFTWARE: PatentIn version 3.0
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37 <211> LENGTH: 41
39 <212> TYPE: DNA
C--> 41 <213> ORGANISM: Artificial
43 <220> FEATURE:
45 <223> OTHER INFORMATION: palsmid linker region
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C--> 58 <213> ORGANISM: Artificial
60 <220> FEATURE:
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69 <210> SEQ ID NO: 3
71 <211> LENGTH: 20
73 <212> TYPE: DNA
75 <213> ORGANISM: Escherichia coli
78 <400> SEQUENCE: 3
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82 <210> SEQ ID NO: 4
84 <211> LENGTH: 20
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88 <213> ORGANISM: Escherichia coli
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92 ctccaggaga aggcttgagt          20

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Input Set : A:\seq-1st.txt

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114 <213> ORGANISM: Escherichia coli
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127 <213> ORGANISM: Escherichia coli
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138 <212> TYPE: DNA
140 <213> ORGANISM: Escherichia coli
143 <400> SEQUENCE: 8
144 acaacgtgac tccttaatgg 20
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151 <212> TYPE: DNA
153 <213> ORGANISM: Escherichia coli
156 <400> SEQUENCE: 9
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166 <213> ORGANISM: Escherichia coli
169 <400> SEQUENCE: 10
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175 <211> LENGTH: 20
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192 <213> ORGANISM: Escherichia coli
195 <400> SEQUENCE: 12
196 taacaatcaa gcaacctgta 20
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/680,310

DATE: 04/11/2002

TIME: 13:20:50

Input Set : A:\seq-lst.txt

Output Set: N:\CRF3\04112002\I680310.raw

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201 <211> LENGTH: 20
203 <212> TYPE: DNA
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208 <400> SEQUENCE: 13
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214 <211> LENGTH: 20
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218 <213> ORGANISM: Escherichia coli
221 <400> SEQUENCE: 14
222 gaagccgcca accaggataa                                20
225 <210> SEQ ID NO: 15
227 <211> LENGTH: 62
229 <212> TYPE: DNA
231 <213> ORGANISM: Saccharomyces cerevisiae
234 <400> SEQUENCE: 15
235 gcgcgaattc agatccgcgg ccgcaaagag gagaaattaa ctatgactgc accacacaga 60
237 ag                                                    62
240 <210> SEQ ID NO: 16
242 <211> LENGTH: 36
244 <212> TYPE: DNA
246 <213> ORGANISM: Saccharomyces cerevisiae
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250 cgcgactagt ctgcagtcag tcctttctcc agtcac            36
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274 <212> TYPE: DNA
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278 <220> FEATURE:
280 <223> OTHER INFORMATION: sequencing primer
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/680,310

DATE: 04/11/2002

TIME: 13:20:51

Input Set : A:\seq-1st.txt

Output Set: N:\CRF3\04112002\I680310.raw

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L:58 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:259 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17  
L:276 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18